Converting Urban Food Deserts to Food Oases

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2020 ENGINEERING

LEGEND

FOOD DESERT
TRANSFORMING OUR FOOD SYSTEM

FOOD SYSTEM

TRANSFORMED
TRANSFORMING OUR FOOD SYSTEM

FOOD SYSTEM

PRODUCTION | PROCESSING | DISTRIBUTION | CONSUMPTION

TRANSFORMED

1/3 of food is wasted

FOOD WASTE
TRANSFORMING OUR FOOD SYSTEM

FRESH FOOD & FOOD WASTE = NUTRIENTS
TRANSFORMING OUR FOOD SYSTEM

CLOSED-LOOP WATER & NUTRIENT SYSTEMS
TRANSFORMING OUR FOOD SYSTEM

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TRANSFORMING OUR FOOD SYSTEM

CLOSED-LOOP NUTRIENT DESIGNS
TRANSFORMING OUR FOOD SYSTEM

CLOSED-LOOP NUTRIENT DESIGNS

FRESH FOOD

ENERGY & NUTRIENTS

FOOD WASTE
TRANSFORMING OUR FOOD SYSTEM

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CLOSED-LOOP NUTRIENT DESIGNS

ECO-VILLAGES LIMITS

2020 ENGINEERING
TRANSFORMING OUR FOOD SYSTEM

CLOSED-LOOP NUTRIENT DESIGNS

ECO-VILLAGE LIMITS

FOOD CONSUMPTION

FOOD PRODUCTION (Agriculture & Greenhouse)

THE NUTRIENT LOOP

FOOD WASTE COLLECTION

PROCESS & TREATMENT

PREPARE FERTILIZER & FEED
TRANSFORMING OUR FOOD SYSTEM

CLOSED-LOOP NUTRIENT DESIGNS
TRANSFORMING OUR FOOD SYSTEM

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TRANSFORMING OUR FOOD SYSTEM

Greenhouse Production - Hydroponics & Aeroponics -

Recirculating Aquaculture

Barramundi (Sea Bass)
Our Mission

‘The BRIDGE’ exists to span the tide.

- The tide that exists between; the rich and the poor, the informed and the untaught, the entrepreneur and the everyday citizen. The Bridge has no bounds, only those put on by the users. We focus on cooperation, collaboration and community in everything we do. From the way we build to the way we...

WORK - EAT - LIVE - LEARN - PLAY
AQUACULTURE

VERTICAL TRAYS
Sustainable Design: Net Zero Water
Net Zero Energy
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